



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mohammed N. Islam  
Serial No.: 10/033,848  
Filing Date: December 19, 2001  
Art Unit: 2828  
Examiner: Monbleau, Davienne N.  
Title: BROADBAND SAGNAC RAMAN AMPLIFIERS AND  
CASCADE LASERS

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

This Supplemental Information Disclosure Statement is being submitted pursuant to 37 C.F.R. § 1.97(c). The stipulated fee of \$180.00 is enclosed herewith. The Commissioner is hereby authorized to charge any appropriate fee to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

Respectfully submitted,

Baker Botts L.L.P.  
Attorneys for Applicants

Douglas M. Kuehl

Reg. No. 41,915 date: 09/09/2003 AFORD1

08/12/2003 CNGUYEN 00000002 020384 10033848  
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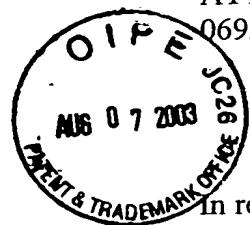
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Date: June 10, 2003

ATTORNEY DOCKET NO.:  
069204.0179

PATENT APPLICATION  
10/033,848



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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

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CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Information Disclosure Statement (1 page) along with a PTO Form 1449 (2 pages); copies of thirty-one references cited (acco-bound); a check in the amount of \$180.00 to satisfy the required filing fee; a Baker Botts acknowledgment return receipt postcard (1 postcard), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this the 10th day of June, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Willie Jiles*

Willie Jiles

Express Mail Receipt  
No. EV 323448325 US  
Attorney Docket:  
069204.0179

PTO-1449

Application No.  
10/033,848Applicant(s)  
M hammed N. IslamInformation Disclosure  
In an ApplicationDocket Number  
069204.0179Group Art Unit  
2828Filing Date  
December 19, 2001

## U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,060,302	10/22/1991	Grimes	359	135	02/28/1990
	B	5,225,922	07/06/1993	Chraplyvy et al.	359	124	11/21/1991
	C	5,790,289	08/04/1998	Taga et al.	359	124	05/22/1996
	D	5,801,860	09/01/1998	Yoneyama	359	124	08/05/1996
	E	5,852,510	12/22/1998	Meli et al.	359	341	07/24/1995
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	H	6,049,413	04/11/2000	Taylor et al.	359	337	05/22/1998
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	U	0 829 980 A2	18.03.1998	EP	H04J	14/02	X	
	V	0 959 578 A2	24.11.1999	EP	H04J	14/02	X	
	W							

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	X	Chraplyvy et al., "Equalization in Amplified WDM Lightwave Transmission Systems," IEEE Photonics Technology Letters, Vol. 4, No. 8, pp. 920-922	08/1992
	Y	Tonguz et al., "Gain Equalization of EDFA Cascades," Journal of Lightwave Technology, Vol. 15, No. 10, pp. 1832-1841	10/1997
	Z	Forghieri et al., "Simple Model of Optical Amplifier Chains to Evaluate Penalties in WDM Systems," Journal of Lightwave Technology, Vol. 16, No. 9, pp. 1570-1576	09/1998

EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449		Application No. 10/033,848	Applicant(s) Mohammed N. Islam	
		Docket Number 069204.0179	Group Art Unit 2828	Filing Date December 19, 2001

**Information Disclosure  
In an Application**

**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
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	I						
	J						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	K							
	L							
	M							
	N							

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	O	Letellier et al., "Access to Transmission Performance Margins Through Pre-emphasis Adjustment in WDM Systems," ECOC, pp. 275-276	09/20-24 1998
	P	Manna et al., "Modeling of Penalties on Chains of Optical Amplifiers with Equalizing Filters," Journal of Lightwave Technology, Vol. 18, No. 3, pp. 295-300	03/2000
	Q	Fludger et al., "Fundamental Noise Limits in Broadband Raman Amplifiers," OFC, pp. MA5/1-MA5/3	03/17-22/2001
	R	Menif et al., "Application of Preemphasis to Achieve Flat Output OSNR in Time-Varying Channels in Cascaded EDFAs Without Equalization," Journal of Lightwave Technology, Vol. 19, No. 10, pp. 1440-1452	10/2001
	S	Murakami et al., "WDM Upgrading of an Installed Submarine Optical Amplifier System," Journal of Lightwave Technology, Vol. 19, No. 11, pp. 1665-1674	11/2001
	T	Scheerer et al., "SRS crosstalk in preemphasized WDM Systems," pp. WM28-1/293-WM28-3/295	N/A
	U		
	V		
	W		
	X		
	Y		
	Z		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

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